

"The mitigative wetland and deep water habitat area containing approximately 2.66 acres which exists on the property is a mitigative installation mandated by the Ohio Environmental Protection Agency (1-800-426-6515) and the U.S. Army Corps of Engineers, Pittsburgh District (412-395-7157). The grantee agrees that this area will be preserved in perpetuity; that no disturbances of the mitigative areas of any kind will ever be undertaken without first contacting the regulatory authorities and procuring the proper permits. The grantee further agrees that this condition will be incorporated into any deed or other instrument of conveyance should the property ever be sold or otherwise conveyed or transferred in the future."

The plan is based upon contours and elevations which are present at the site when this document was prepared (winter, 2002). It is possible that elevations, contours, and locations may vary slightly from those assumed when mitigation is undertaken. However, basin morphology should remain constant regardless of topographic features.

#### *Wetland Topography:*

The site will be graded to provide a wetland area as shown on the enclosures with this document and as described in this commentary. A buffer area with more gentle slopes than other surrounding land will be established at the perimeter of the mitigative wetland area. The purpose of the buffer will be to slow runoff into the wetland and reduce siltation of the wetland basin. This buffer will be planted as described subsequently in the drawings included as part of this attachment. This planting will further enhance the buffering characteristics.

#### *Wetland Hydrology:*

The hydrology for the mitigative wetland area will be provided by Long Run. This stream is natural and undisturbed in the areas immediately upstream and downstream of the proposed mitigative wetland. It is also well established in these areas and in the area of the proposed mitigation. It has serviced the fresh water pond for many years. During the period when the water levels in the wetland are being adjusted, the stream bed will also be manipulated so that adequate water is fed into the wetland area while still maintaining flow in the stream. The existing conditions, proposed mitigative areas, and cross-sections are shown on the plans included with this attachment.

It is anticipated that beaver may be present on the site at some time after the completion of mitigation. If this occurs, additional wetland area may be created or the ratio of wetland planting areas may be altered. Beaver control is not part of the mitigation plan. Should they occupy the site at any time after completion of the work, they will be allowed to remain.